

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



Top Secret

(See inside cover)

25X1

basic imagery interpretation report

Severodvinsk Naval Missile Support Facility (S)

STRATEGIC WEAPONS INDUSTRIAL FACILITIES

USSR

25X1

Top Secret

25X1

RCA-09/0023/79
OCTOBER 1979
Copy 49

25X1

Warning Notice
Intelligence Sources and Methods Involved
(WNINTEL)

NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions



25X1

DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL . . .	This Information has been Authorized for Release to . . .

Top Secret RUFF [REDACTED]
[REDACTED]25X1
25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Severodvinsk Naval Missile Support Facility		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	64-33-45N 039-46-30E	
MAP REFERENCE		

25X1

SAC. USATC, Series 200, Sheet 0092-22, 4th ed, Jul 73, scale 1:200,000

LATEST IMAGERY USED	NEGATION DATE If required
[REDACTED]	NA

25X1

ABSTRACT

1. (TSR) This report provides information on significant developments at the Severodvinsk Naval Missile Support Facility, USSR, [REDACTED]

[REDACTED] The report satisfies the basic reporting requirements for this target and updates NPIC report [REDACTED]

25X1
25X1
25X1

2. (TSR) The missile support facility continued to function as the major support element of the Severodvinsk Shipyard Complex and the Nenoksa Naval Missile Test Center. Significant developments observed at the facility during this reporting period include the identification of SS-NX-17 missile support equipment, the use of camouflage netting over missile crates, and the appearance of a modified SA-5 canister transporter.

3. (TSR) A torpedo storage area adjacent to Severodvinsk Naval Base West has been incorporated as a part of the missile support facility.

4. (U) This report includes a location map, five annotated photographs, and two tables.

BASIC DESCRIPTION

5. (TSR) The Severodvinsk Naval Missile Support Facility (Figure 1) consists of the following two areas: area A, which includes the main support area, and area B, the torpedo storage facility which is adjacent to Severodvinsk Naval Base West [REDACTED]. Operations at the support facility are still closely aligned with the operation of Nenoksa Naval Missile Test Center [REDACTED] NMTC), where land-based tests of submarine-launched ballistic missiles (SLBMs) and naval cruise missiles are conducted. The facility also supports the Severodvinsk Shipyard Complex, which provides support for SLBM, cruise missile, and antisubmarine warfare weapons test firings for both research and development and crew training programs.¹

25X1

25X1

6. (TSR) Generally, the numbers and types of missile crates, canisters, and ground support equipment remained relatively constant during the reporting period (Table 1).

(Continued p. 5)

25X1

Top Secret RUFF

25X1

Table 1. Order of Battle, Severodvinsk Naval Missile Support Facility**This table in its entirety is classified TOP SECRET RUFF*

No	Item	Remarks
Area A (Main Support Facility)		
1	SS-NX-17 transporter	First seen Jul 77; last seen Dec 78
2	SS-N-6 transporter	
3 & 4	SS-N-3 transporters	
1	SA-5 canister transporter (modified)	Present Mar — May 78 & Feb — Jun 79
3	SS-N-6 canisters	
50 — 70	SS-N-3/-12 crates	
20 — 30	SS-N-7/-9 crates	
1	SS-N-6 load simulator	
1	SS-N-8 load simulator	Seen on railroad car in Apr 77
1	Poss SS-NX-17 dolly	Present Dec 78 — Feb 79
4	Unid objects on railroad cars	Seen only on 5 Aug 78
1 & 2	Missile railcars	At least 1 present on most imagery
10 — 15	Misc vehicles	Includes trucks, cranes, & general-purpose vehicles
3	Prob twin-element Cigar telemetry antennas	Roof mounted on 2 assembly/ checkout bldgs
Area B (Torpedo Storage Area)		
1	SA-5 canister transporter (modified)	Present since Feb 77
10 — 15	SS-N-15 canisters	
1 — 5	SS-NX-16 canisters	
15 — 20	Torpedo canisters	
5 — 10	Misc vehicles	Includes trucks, cranes, & general-purpose vehicles

*With minor variations, the quantities and types of equipment were typical of that seen on all coverages during the reporting period.

Top Secret

RCA-09/0023/79

25X1

Page Denied

Next 1 Page(s) In Document Denied

Top Secret RUFF [REDACTED]

25X1

Area A**SS-NX-17 Missile Support Equipment**

7. (TSR) An SS-NX-17 missile transporter was first seen in the vehicle park on [REDACTED]. The initial sighting of the transporter was just two days after an SS-NX-17 missile loading canister had been seen at the nearby Severodvinsk Shipyard Yagry Island [REDACTED]. The transporter was again seen at Yagry Island [REDACTED] on these dates, it was supporting missile or ballast canister loading operations. [REDACTED] it had been returned to the support facility vehicle park, where it apparently remained through [REDACTED]. Since then, it has not been seen at Severodvinsk.

25X1

25X1

25X1

25X1

25X1

8. (TSR) Also on [REDACTED] a possible SS-NX-17 missile dolly was observed in front of one of the high-bay checkout/assembly buildings (Figure 2). The dolly [REDACTED] appeared to have a dual axle at one end. A similar dolly had been seen [REDACTED] in the missile handling area at Nenoksa (Figure 3). Since the SS-NX-17 flight test program was still in progress at Nenoksa in May 1978, it was postulated that the dual-axle dolly was for the SS-NX-17 missile system. The dolly was at the support facility through February 1979 but has not been seen at Severodvinsk since then.

25X1

25X1

25X1

25X1

9. (TSR) Both the SS-NX-17 missile transporter and the dual-axle dolly were observed in February and March 1978 at Severomorsk. The transporter was seen at Severomorsk Naval Missile Loading Facility Okolnaya [REDACTED] and later at Severomorsk Naval Missile Support Facility [REDACTED]. One of the dollies was identical in appearance to those seen at Nenoksa and Severodvinsk; the other was similar in structural design. The timing of this activity coincided with the departure of the Yankee II-class nuclear-powered fleet ballistic submarine (SSBN), which fires the SS-NX-17, from Severodvinsk for operations with the Northern Fleet.²

25X1

25X1

25X1

25X1

Modified SA-5 Canister Transporter

11. (TSR) A modified SA-5 canister transporter was observed for the first time [REDACTED] parked near a row of SS-N-3 transporters in the vehicle park. This type of vehicle was observed at Launch Facility A, Nenoksa NMTC [REDACTED]

25X1

25X1

25X1

25X1

Top Secret RUFF [REDACTED]

25X1

[REDACTED] Similar vehicles have also been identified at the torpedo storage facility (area B), at the Feodosiya Naval Missile Support Facility [REDACTED] and at Krasnoyarsk Arms Plant Voroshilov 4 [REDACTED] At Nenoksa, the vehicle was being used to transport a probable new inert cruise missile airframe. The transporter remained at Severodvinsk [REDACTED] and was still present in the vehicle park [REDACTED] Its presence during this time period may be an indication of an association between technical facilities at Severodvinsk and the new cruise missile flight test program at Nenoksa.

25X1

25X1

25X1

25X1

25X1

Unidentified Equipment

12. (TSR) [REDACTED] two pairs of unidentified objects on two railcars were observed near the railroad dock in the missile handling and storage area of area A (Figure 4). These objects, or some similar objects, were at Nenoksa NMTC three days earlier. At Nenoksa, they were on a rail siding near the SLBM building. Each railcar contained a pair of rectangular blocklike objects which were apparently secured in position by a slanted solid brace or support [REDACTED] The objects appeared to be identical, and each contained a vertical circular opening [REDACTED] The function of the objects on the railcars has not been determined and they have not been seen since August 1978.

25X1

25X1

25X1

Area B

13. (TSR) The torpedo storage area adjacent to Severodvinsk Naval Base West has been incorporated as a part of the naval missile support facility. The torpedo area, designated area B, is approximately 1 nautical mile west of the main missile support facility, area A (Figure 5). It is separately secured and includes three bunkered airframe storage buildings and three other buildings. A fourth arched-roof building was under construction approximately 200 meters south of the perimeter and may be included in the facility when it is complete.

14. (TSR) The torpedo storage area was essentially complete in September 1970 and has been reported as a part of Severodvinsk Naval Base West.³ Since 1970, new construction included a gambrel-roof building (June 1974) and two rectangular hardstands (August 1977). Construction of the new arched-roof building outside the south perimeter began in May 1978 and has proceeded at a slow rate. The building was still only about 75 percent complete [REDACTED]

25X1

15. (TSR) Significant activity in area B since early 1976 has included the presence of missile/torpedo canisters and the type of general- and special-purpose vehicles required to operate a torpedo storage facility [REDACTED] revealed a group of SS-N-15 and SS-NX-16 canisters stacked on one of the recently completed hardstands (inset, Figure 5). Another group of SS-N-15 canisters were near the entrance to the westernmost airframe building. These types of missile canisters, as well as those associated with conventional torpedos, were observed on almost all interpretable imagery received during the reporting period.

25X1

Top Secret

RCA-09/0023/79

25X1

Top Secret RUFF

25X1

25X1

16. (TSR) [] a modified SA-5 canister transporter, similar to the one seen in area A and other naval missile facilities (see paragraph 11) has been observed. It was first seen near a group of SS-N-15 canisters and is probably used to transport these type canisters, as well as those of the SS-NX-16 missile system.

25X1

17. (TSR) [] A review of activity involving SS-N-15 and SS-NX-16 missile firing submarines at the Severodvinsk Shipyard Complex since November 1976 revealed that operational Charlie-class nuclear-powered guided missile submarines (SSGN) and Victor-class nuclear-powered attack submarines (SSN) were present through December 1978. The Alpha-class was present from February through July 1978 and again in October and November 1978 (Table 2). The Charlie-class SSGN and the Victor-class SSN are reportedly armed with the SS-N-15 nuclear depth bomb while the Alpha-class SSN is estimated to carry the SS-NX-16 homing torpedo.⁴

25X1

*Table 2. Submarine Activity at Components of Severodvinsk Shipyard Complex,
May 1976—January 1979*

This table in its entirety is classified TOP SECRET RUFF

Dates	At Yagry Island	At NSSF*	At Naval Base West
Sep—Nov 76		V-I SSN	C-II SSGN ⁵
Feb—Oct 77	C-II SSGN	V-II SSN	C-I SSGN C-II SSGN ⁶
Feb—Jul 78	A SSN V SSN	V-II SSN ²	
Aug—Dec 78	A SSN VII SSN	V-II SSN	C-II SSGN ⁷

*Nuclear Submarine Special Support Facility

Top Secret

RCA-09/0023/79

25X1

Page Denied

Top Secret RUFF [REDACTED]

25X1

REFERENCES

25X1

MAPS

SAC, US Air Target Chart, Series 200, Sheet 0092-22, 4th ed, Jul 73, scale 1:200,000 (SECRET) [REDACTED]

25X1

DOCUMENTS

1. NPIC [REDACTED] RCA-09/0024/76, *Severodvinsk Naval Missile Support Facility, USSR*, Jun 76 (TOP SECRET RUFF [REDACTED]) 25X1
2. NPIC [REDACTED] RCA-09/0031/78, *Activity at Severodvinsk Shipyard Complex, 1 February - 31 July 1978 (S)*, Jan 79 (TOP SECRET RUFF [REDACTED]) 25X1
3. NPIC [REDACTED] RCA-09/0027/71, *Severodvinsk Shipyard Complex (Shipyard Activities, July - September 1970)*, Jan 71 (TOP SECRET RUFF) 25X1
4. NFAC [REDACTED] *Soviet Antiship and Antisubmarine Missile Systems*, Nov 77 (TOP SECRET RUFF [REDACTED]) 25X1
5. NPIC [REDACTED], RCA-09/0007/77, *Activity at Severodvinsk Shipyard Complex, 14 May - 26 November 1976*, Apr 77 (TOP SECRET RUFF [REDACTED]) 25X1
6. NPIC [REDACTED] RCA-09/0006/78, *Activity at Severodvinsk Shipyard Complex, 17 November 1976-31 January 1978 (TSR)*, May 78 (TOP SECRET RUFF [REDACTED]) 25X1
7. NPIC [REDACTED], RCA-09/0010/79, *Activity at Severodvinsk Shipyard Complex, 1 August 1978 - 31 January 1979 (TSR)*, May 79 (TOP SECRET RUFF [REDACTED]) 25X1

REQUIREMENT

COMIREX J01
Project 290069DJ

25X1

25X1

Top Secret



Top Secret